

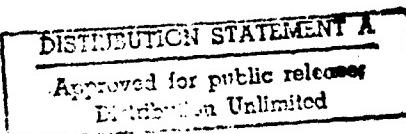
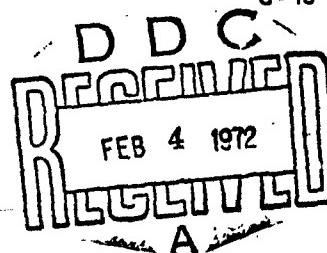
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TR-20-Vol.1  
FD-673808  
TR-20 (Vol. 1, App. C)  
September 1971

OCD STANDARD METHOD  
FOR FALLOUT GAMMA RADIATION SHIELDING ANALYSIS-- SEPTEMBER 1971

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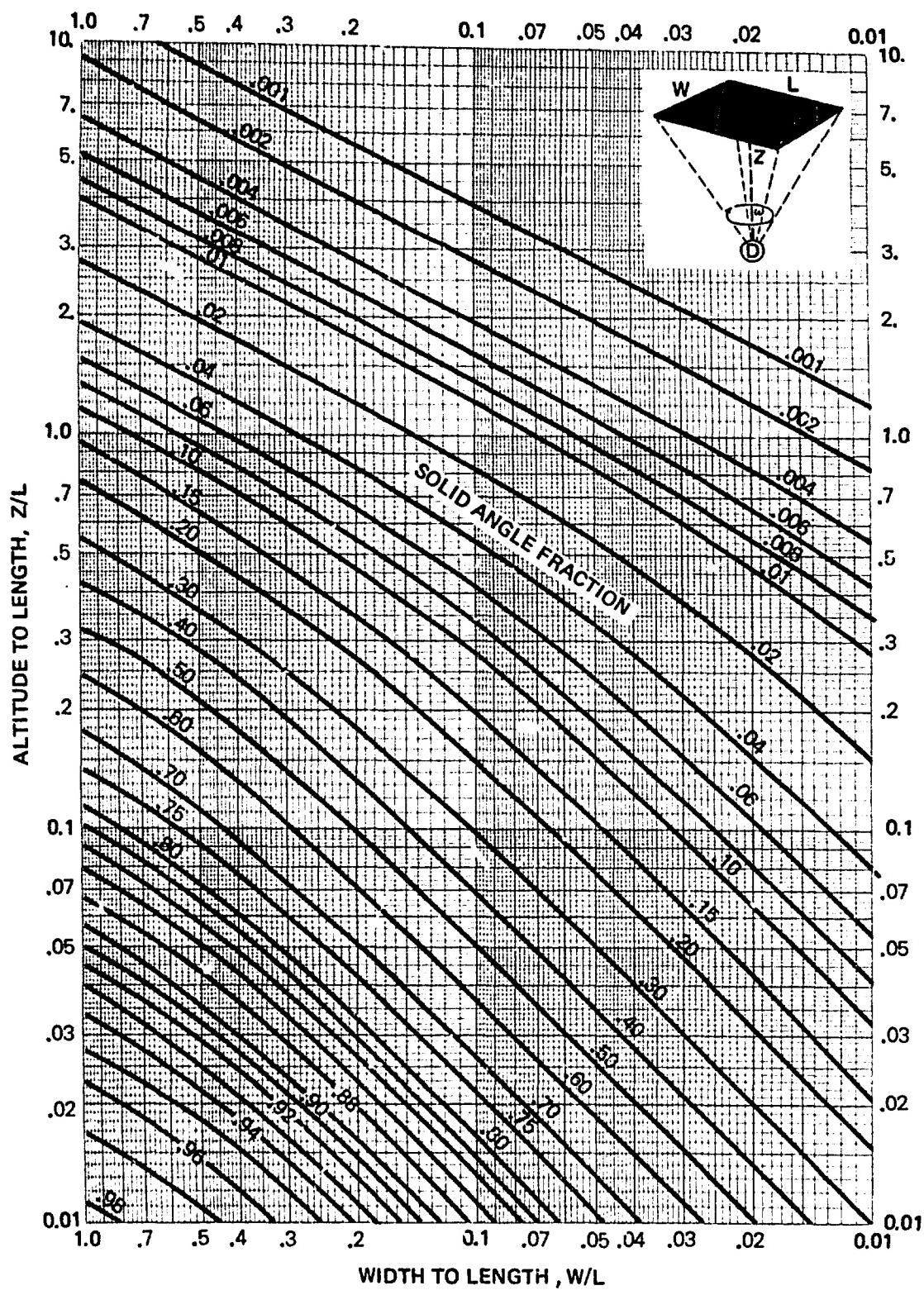


CHART 1 A  
SOLID ANGLE FRACTION,  $\omega(W/L, Z/L)$   
C-2

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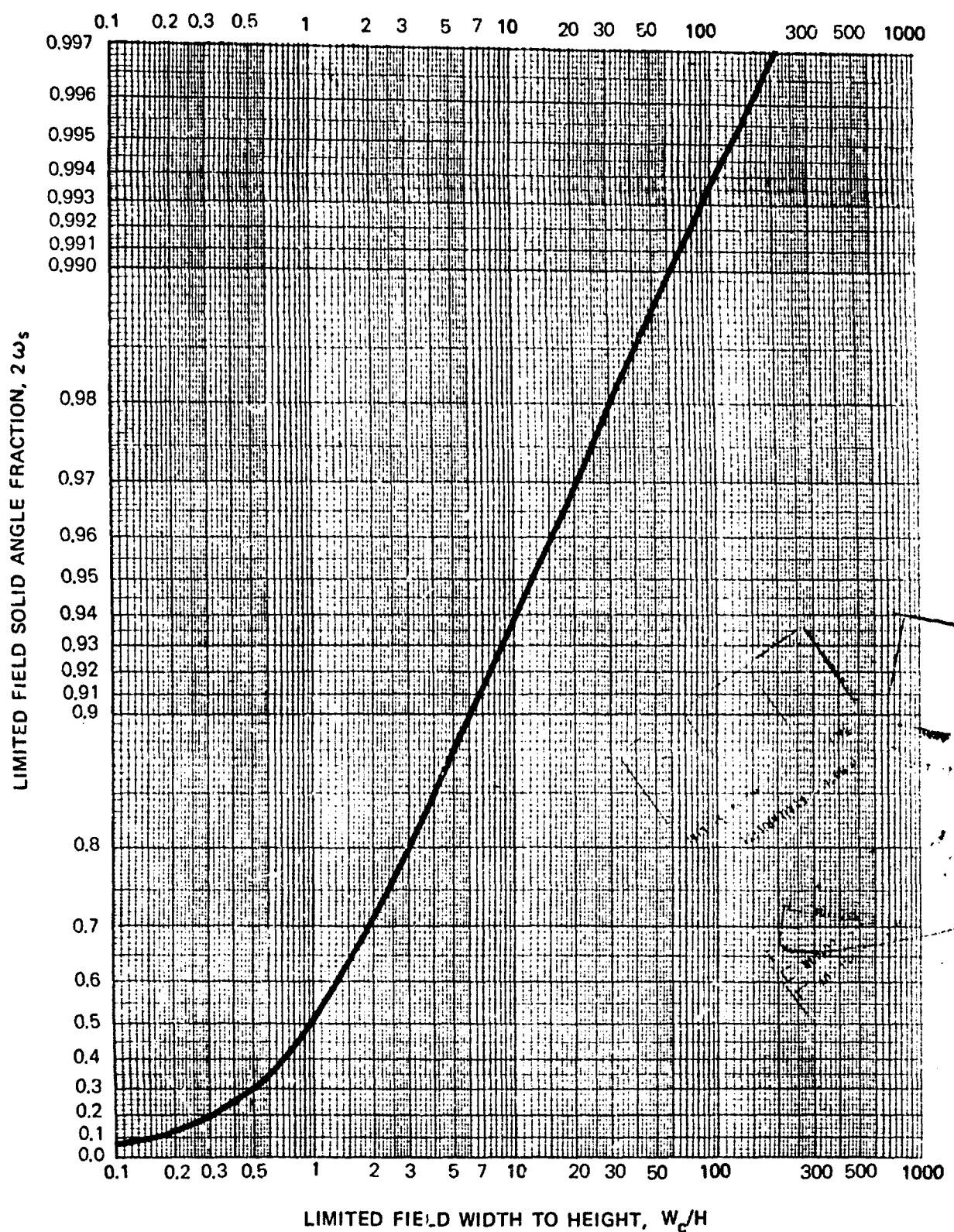


CHART 1B  
LIMITED FIELD SOLID ANGLE FRACTION,  $2\omega_s$   
C3

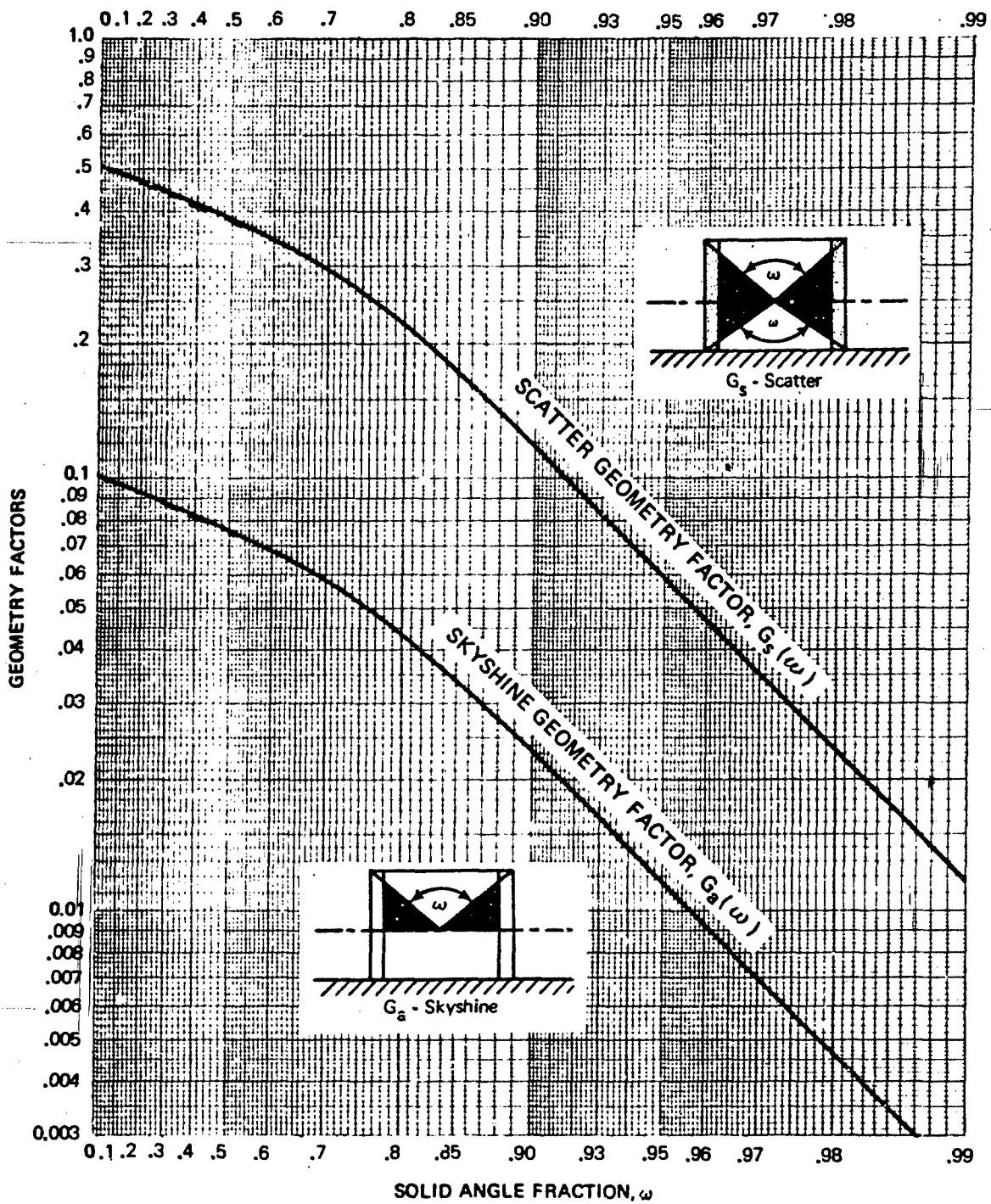


CHART 2  
GEOMETRY FACTORS - SCATTER,  $G_s(\omega)$  AND SKYSHINE,  $G_a(\omega)$   
C-4

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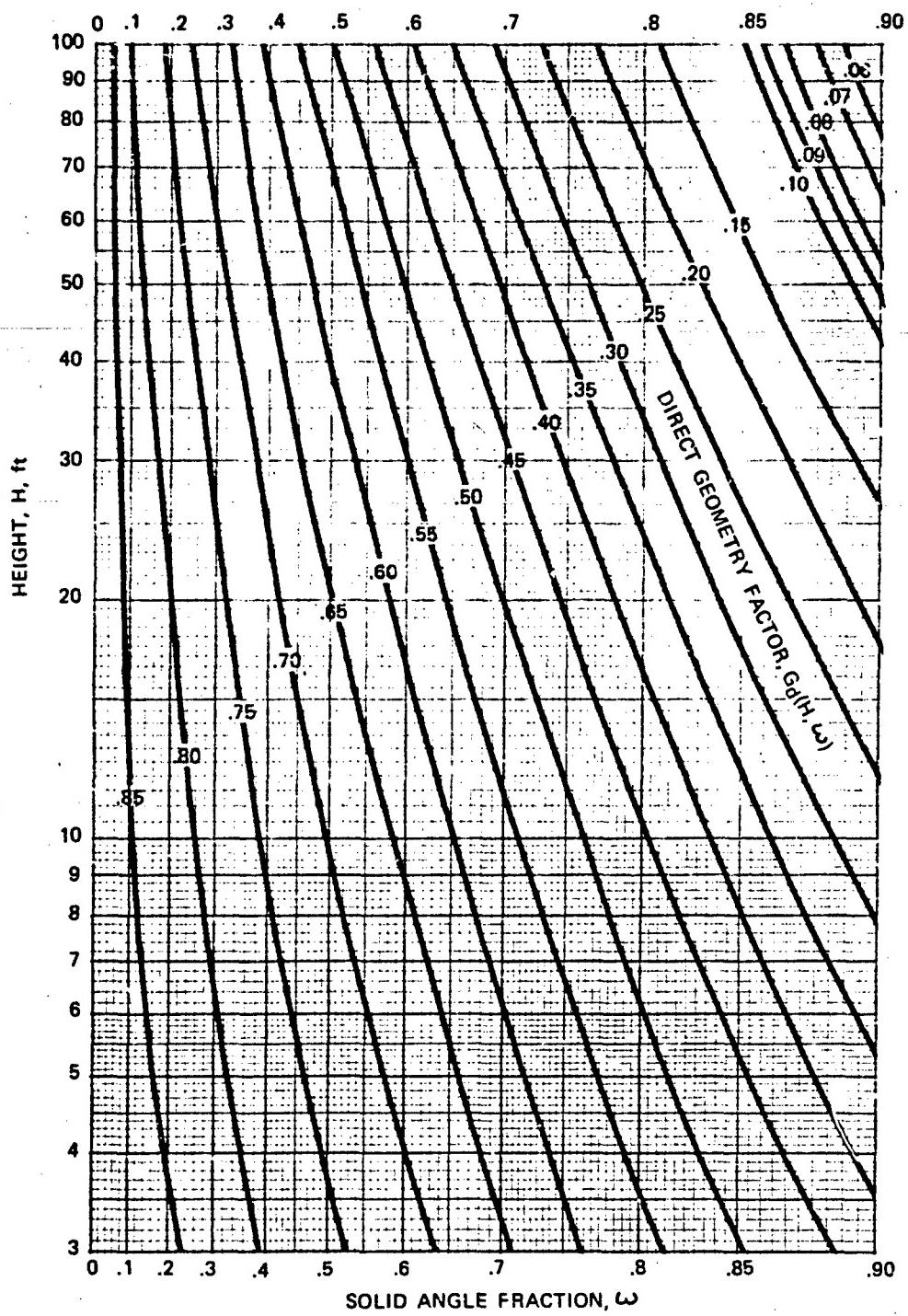


CHART 3A  
GEOMETRY FACTOR - DIRECT,  $G_d(H, \omega)$   
C-5

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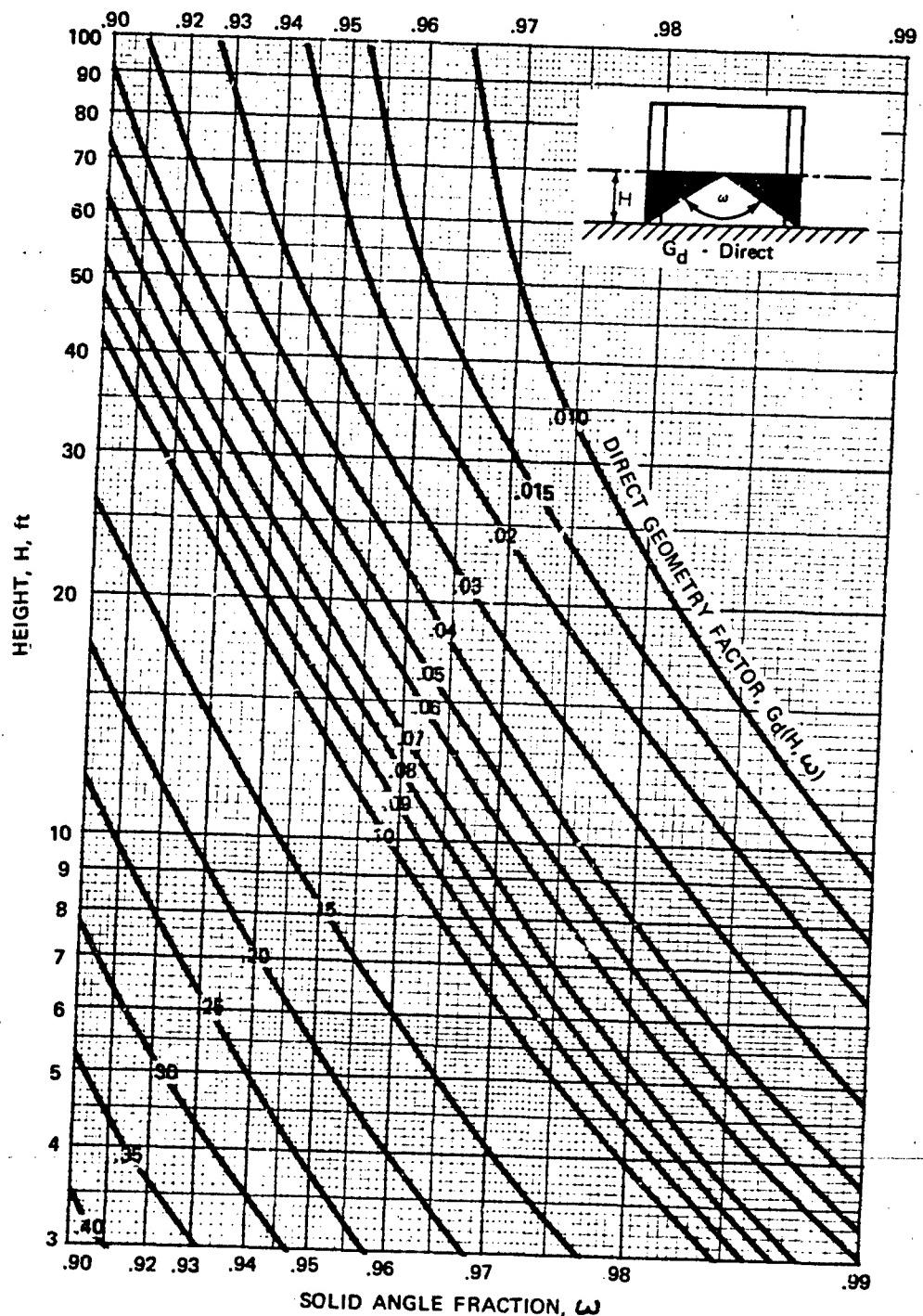
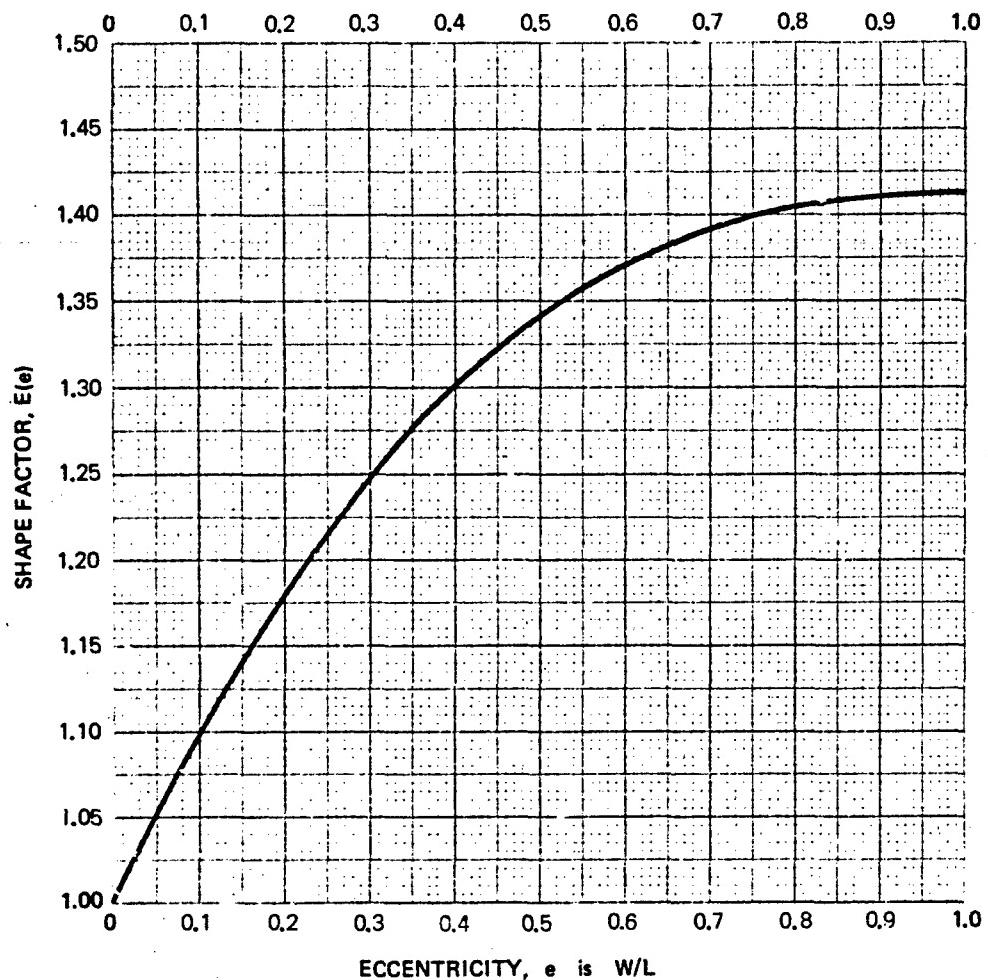


CHART 3B  
GEOMETRY FACTOR - DIRECT,  $G_d(H,\omega)$   
C-6

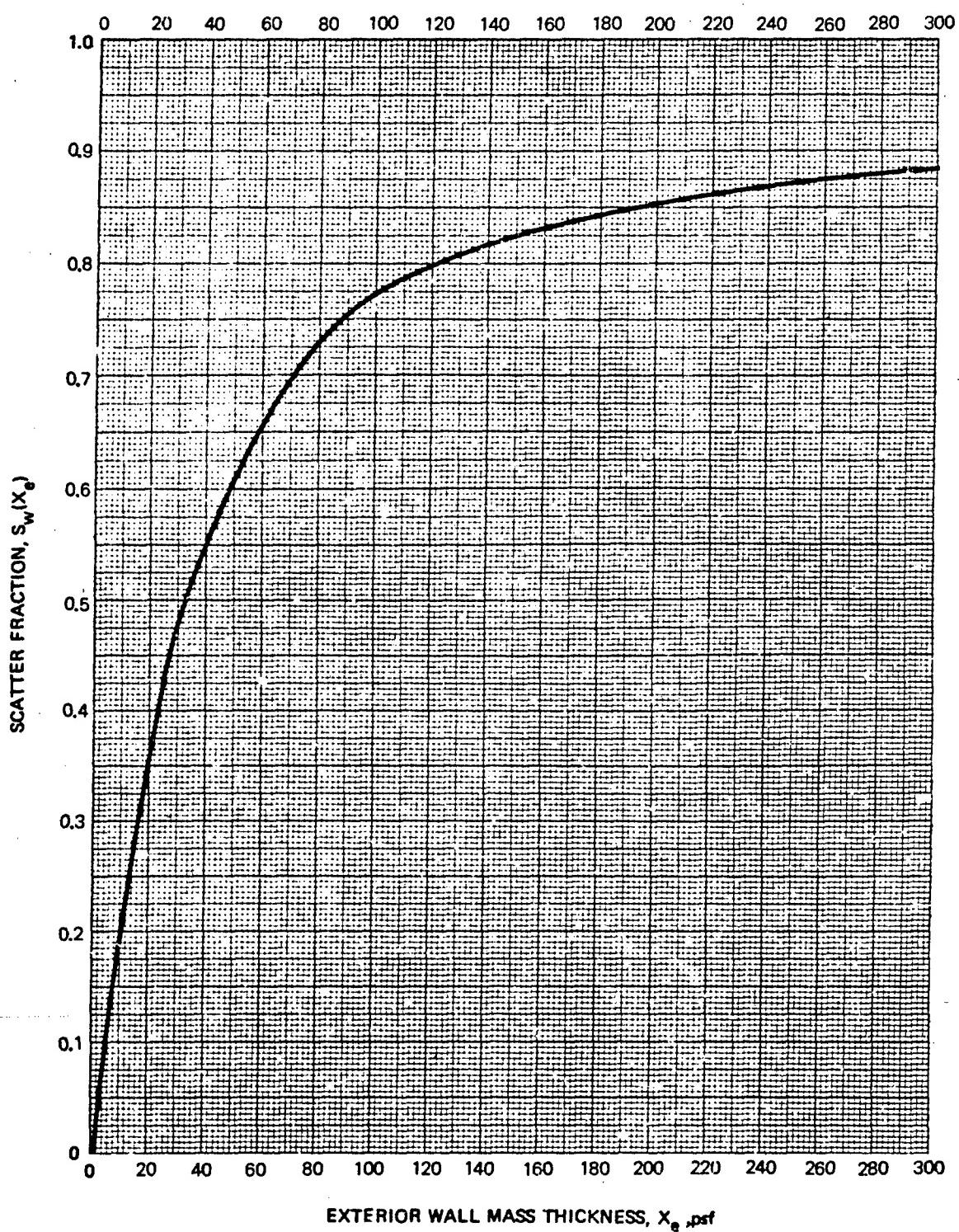
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$E(e)$  FOR CIRCULAR STRUCTURES IS  $\frac{\pi}{2} = 1.571$

CHART 4  
SHAPE FACTOR,  $E(e)$   
C-7



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CHART 5  
SCATTER FRACTION,  $S_w(X_e)$

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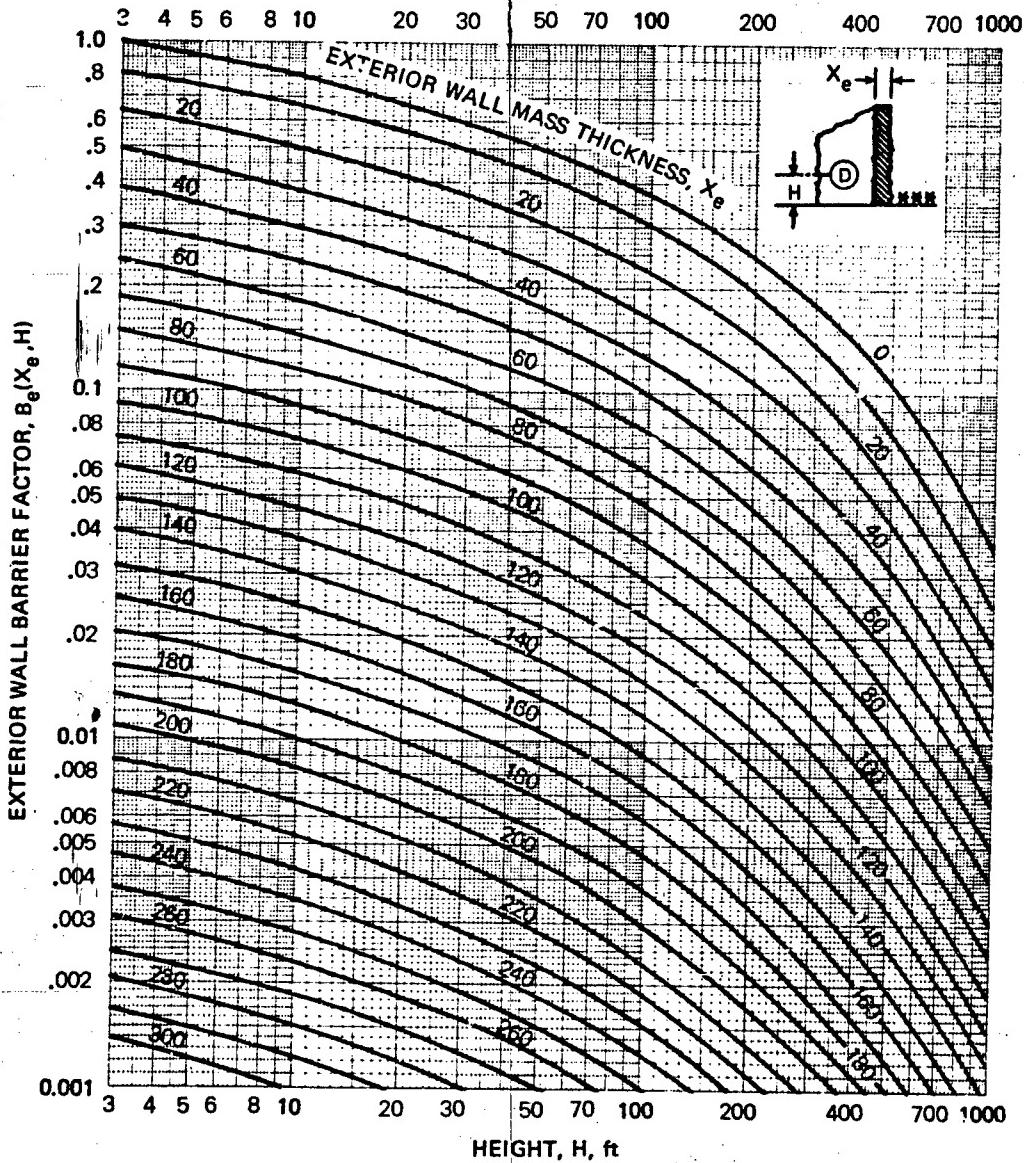


CHART 6  
EXTERIOR WALL BARRIER FACTOR,  $B_e(X_e, H)$

C-9

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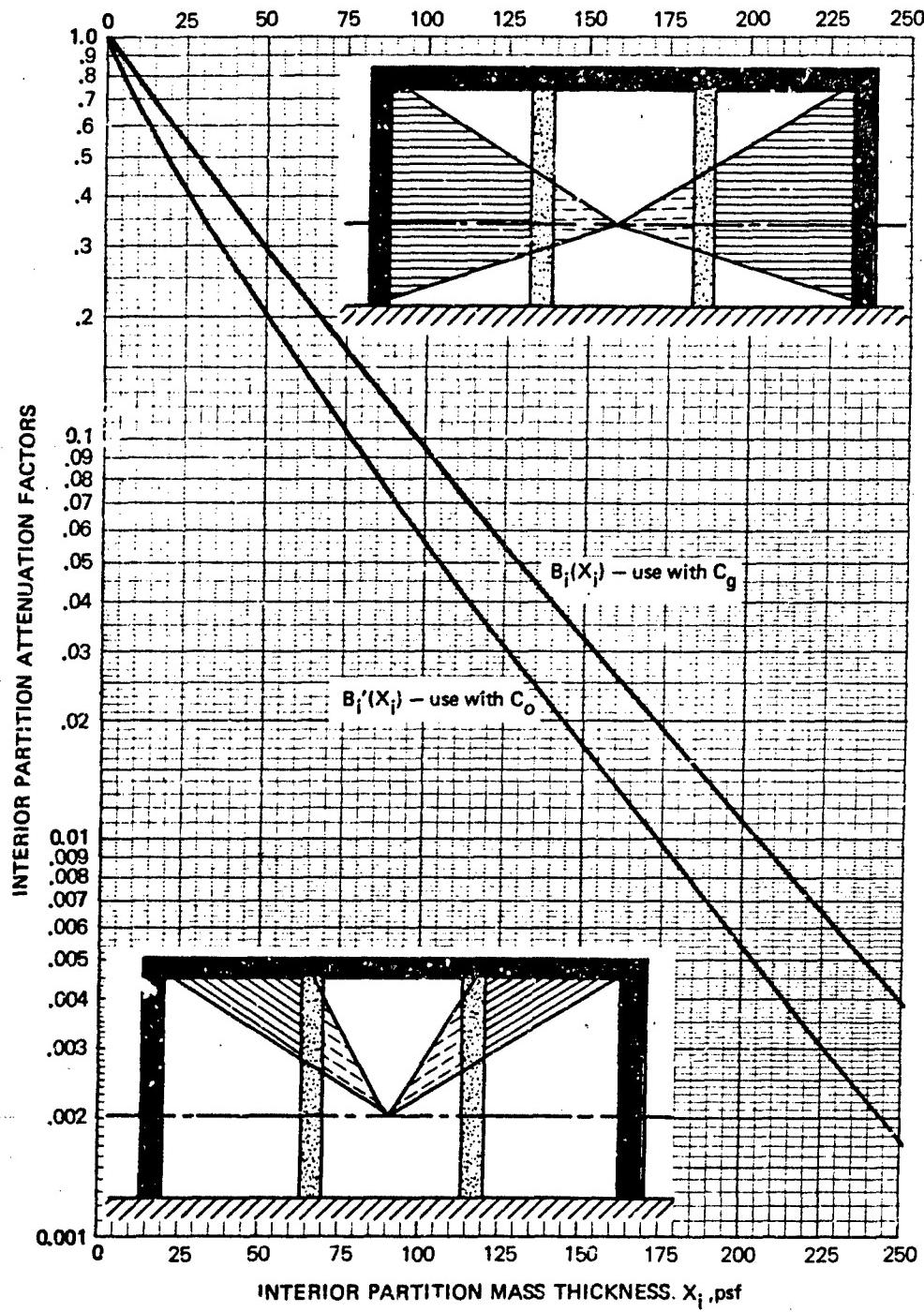
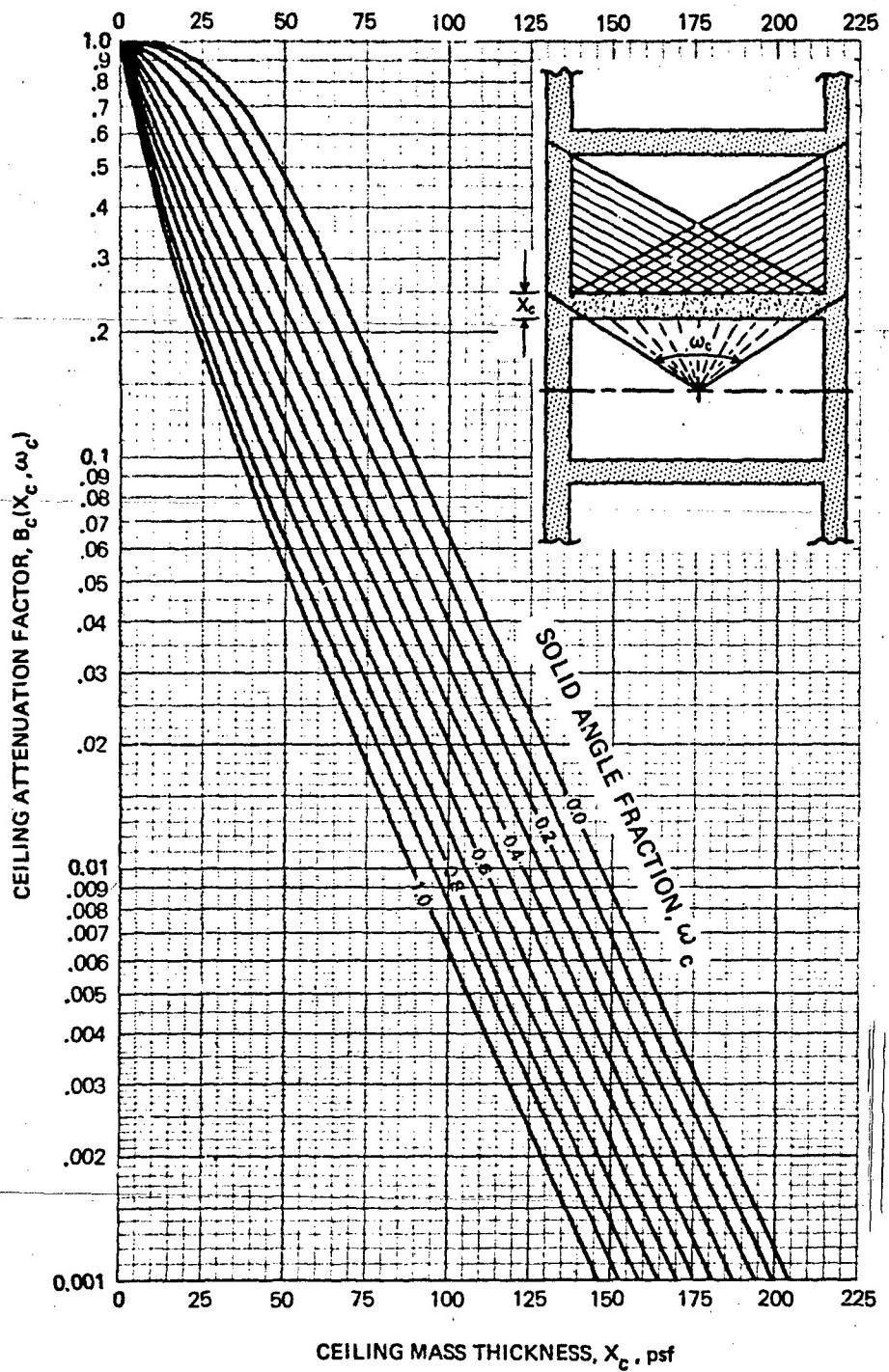


CHART 7  
INTERIOR PARTITION ATTENUATION FACTORS,  $B_i(X_i)$  and  $B_i'(X_i)$   
C-10

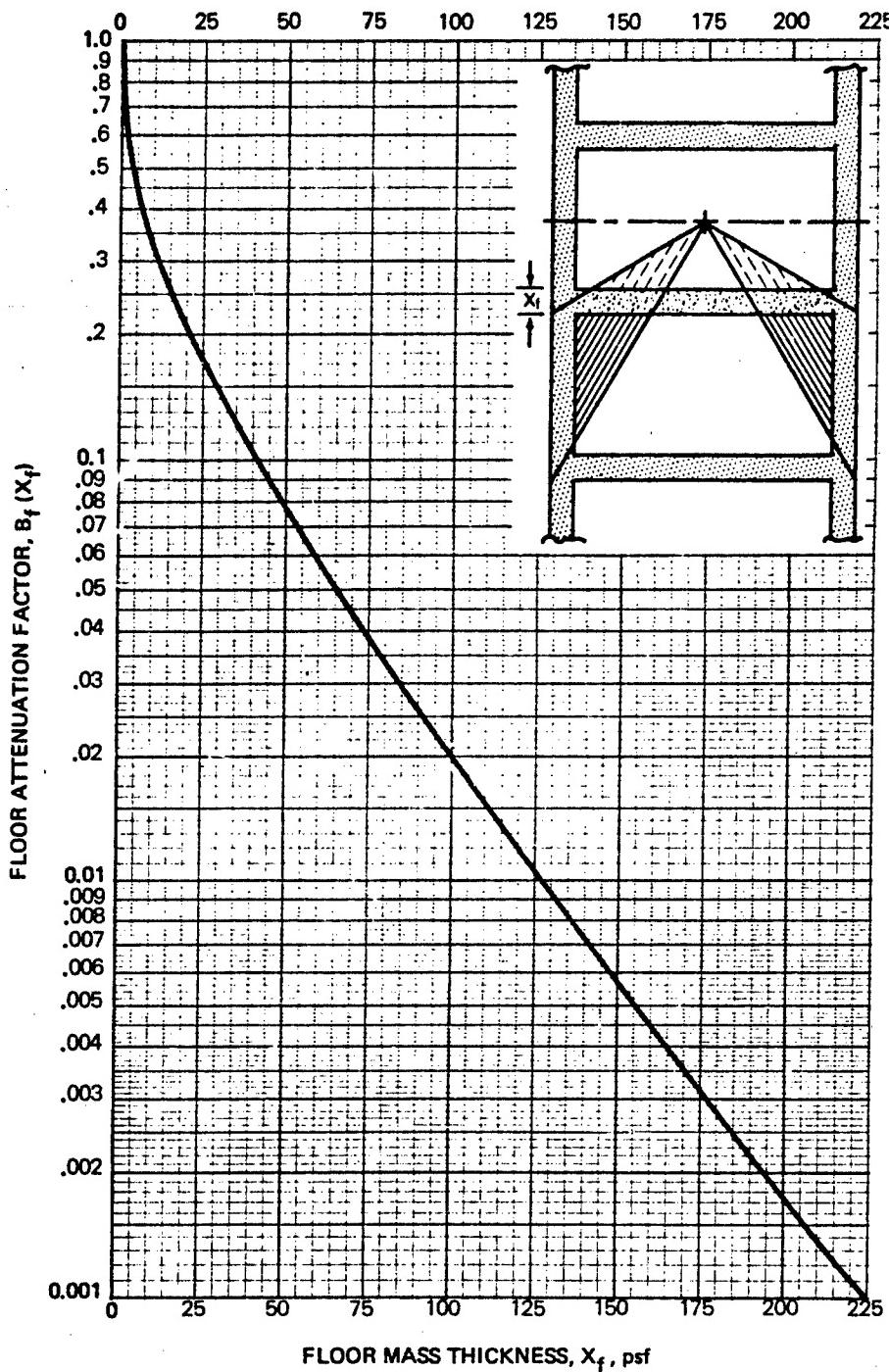
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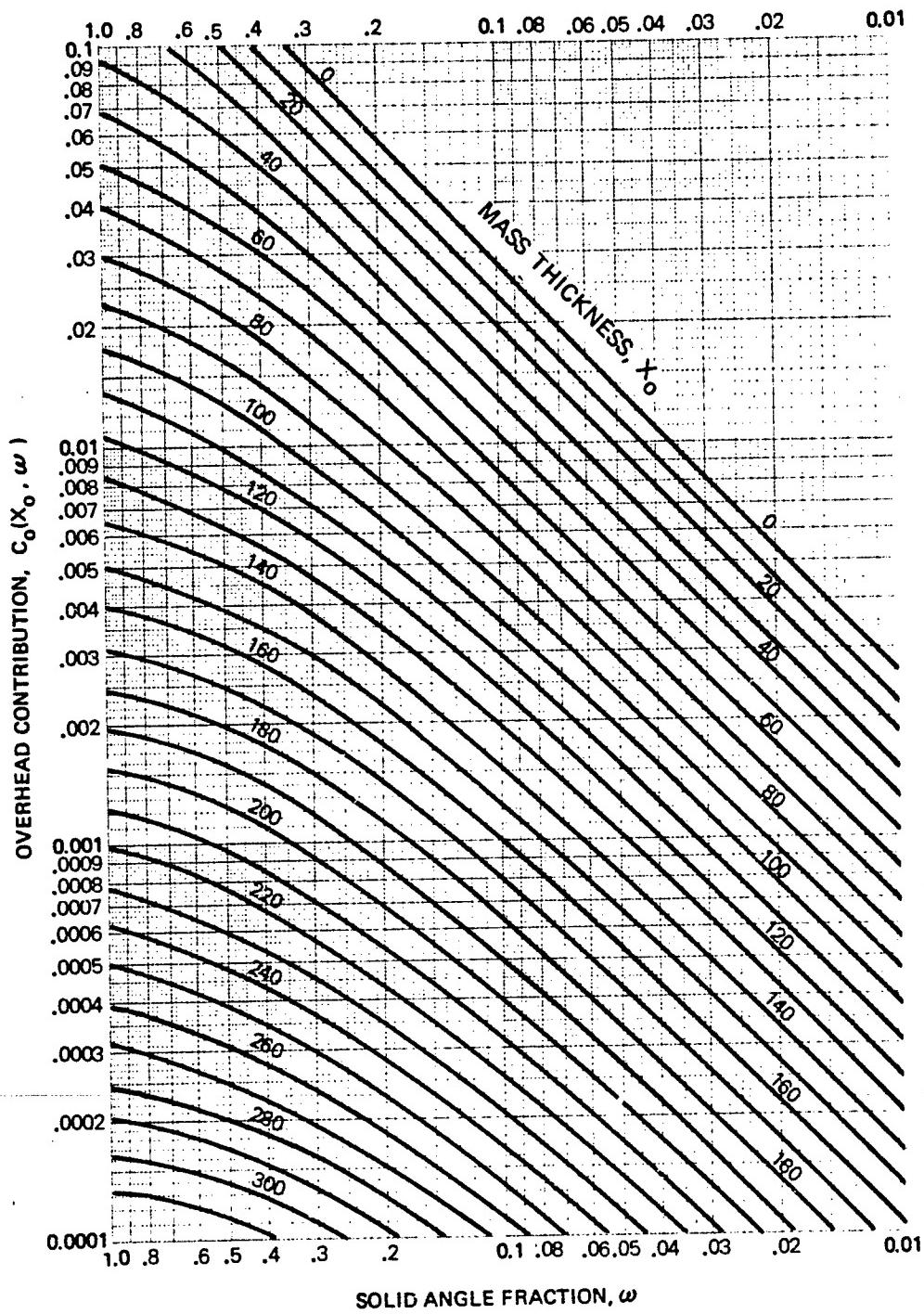
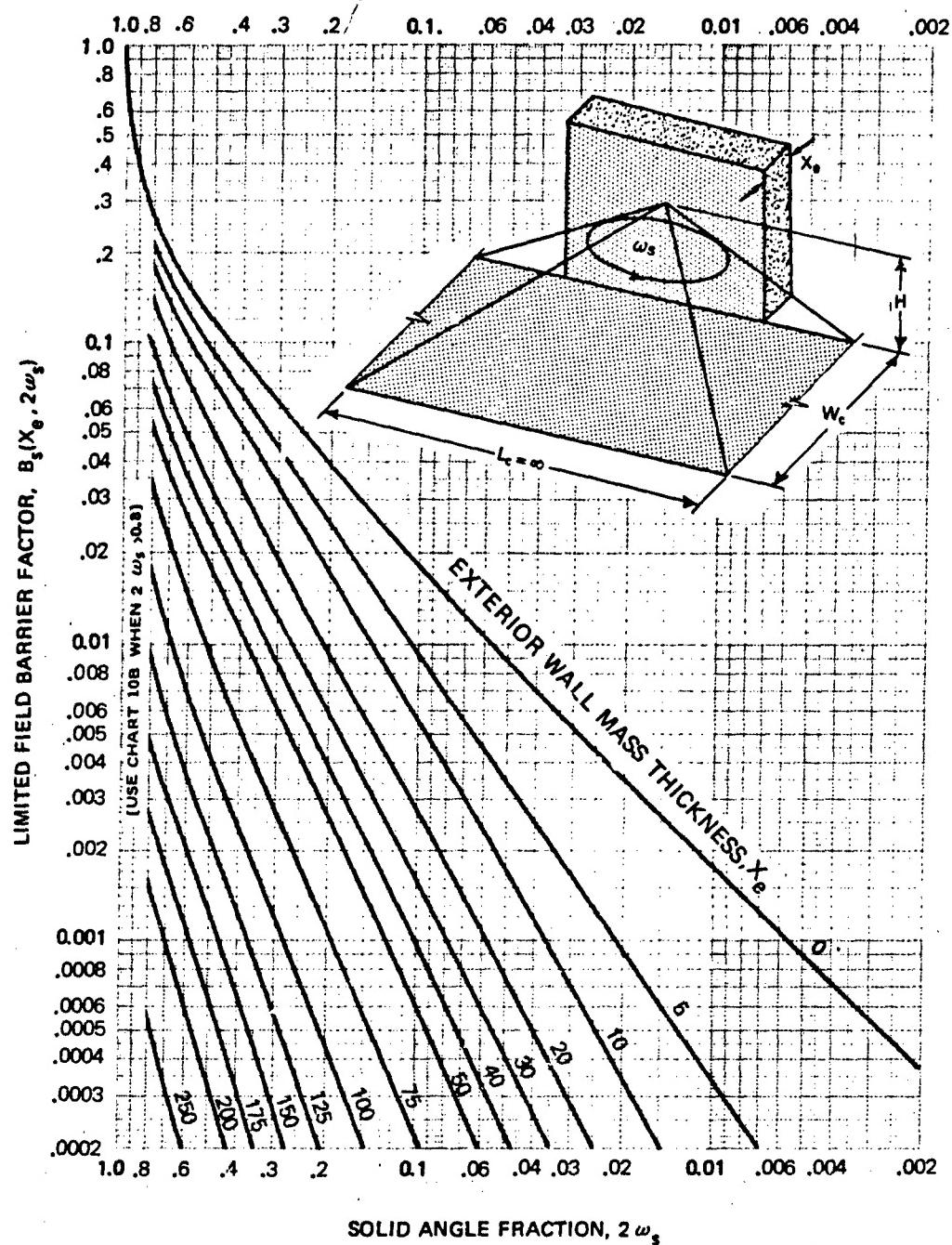


CHART 9  
OVERHEAD CONTRIBUTION,  $C_o(X_o, \omega)$   
C-13

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C-14

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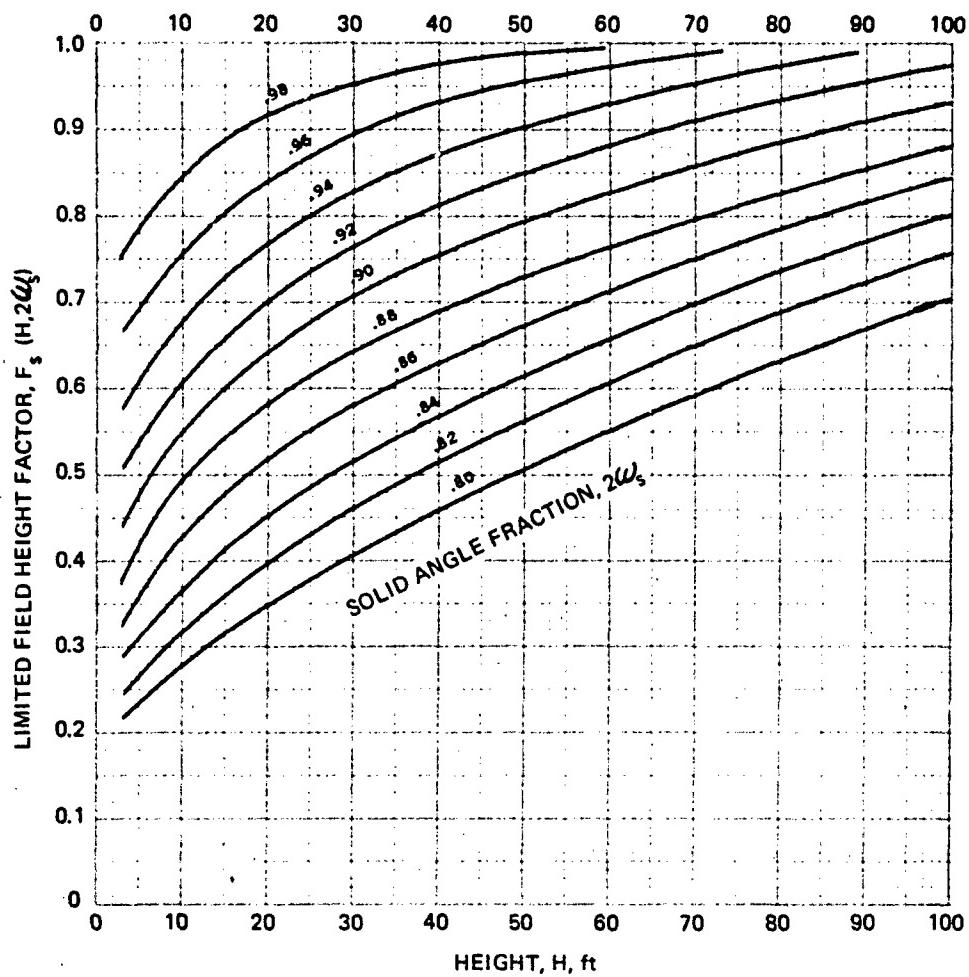


CHART 10B

LIMITED FIELD HEIGHT FACTOR,  $F_s(H, 2\omega_s)$

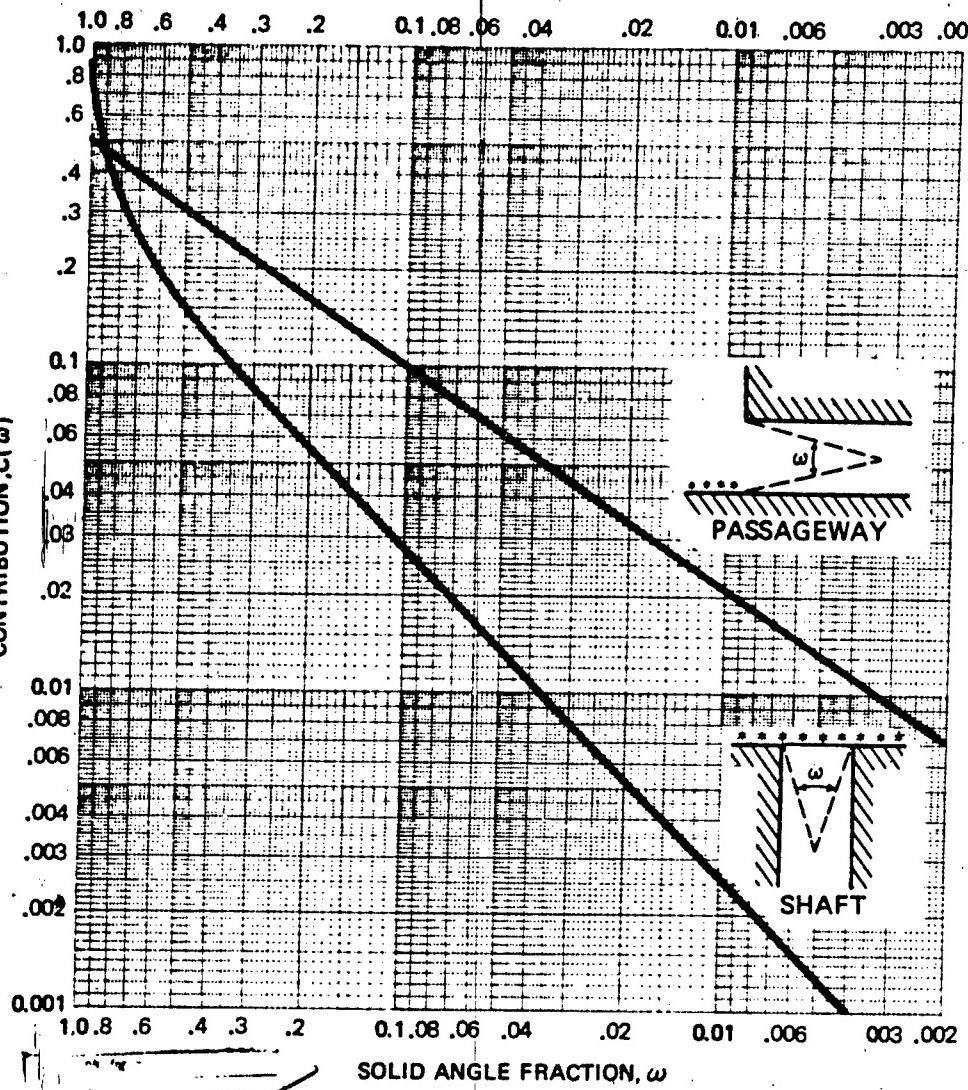
$$B_s(X_e, 2\omega_s) = F_s(H, 2\omega_s) \cdot B(X_e, H)$$

C-15

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CONTRIBUTION,  $C(\omega)$



1	WHITE SECTION
2	BLACK SECTION
3	SOURCED
4	JUSTIFICATION
5	DISTRIBUTION/AVAILABILITY CODES
6	MAIL, AIR & FEDERAL

A

CHART 11

PASSAGEWAYS AND SHAFTS,  $C(\omega)$

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C-16

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